



## North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary

September 1, 2011

Sent Via Email – [chadparker@jacksonnc.org](mailto:chadparker@jacksonnc.org)

Mr. Chad Parker  
Jackson County Solid Waste  
401 Grindstaff Cove Road  
Sylva, NC 28779

Re: Approval of the County's *Corrective Action Plan*  
Closed Jackson County Landfill  
Solid Waste Section Permit Number 50-02

Dear Mr. Parker:

The Solid Waste Section has completed a review of the *Corrective Action Plan* dated June 30, 2011 (Doc ID 14826) and submitted by Altamont Environmental, Inc. on August 15, 2011 on behalf of Jackson County. Pursuant to 15A NCAC 13B .1636, Jackson County selected Monitored Natural Attenuation (MNA) and the extraction of leachate from the landfill gas wells as the remedy to restore groundwater quality at and beyond the relevant point of compliance and within bedrock, to effectively reduce the groundwater contamination at the landfill, and to control the migration of contaminated groundwater to prevent unacceptable impacts to the adjacent surface waters. The Solid Waste Section approved the selected remedy on June 2, 2011.

A comprehensive MNA baseline will be established at the landfill consisting of four consecutive semiannual sampling events. Continued semiannual MNA sampling will then be required at the landfill after the MNA baseline has been established. The extraction of leachate from the landfill gas wells will also be enhancing the groundwater corrective action at the landfill. In addition, if the approved selected remedy proves not to be effective, then the implementation of a contingency plan will be required. The contingency plans include: (A) In-situ chemical oxidation, and/or (B) the installation of additional landfill gas and leachate extraction wells.

As a result, the Solid Waste Section hereby approves the County's *Corrective Action Plan* for immediate implementation. The implementation of the approved selected remedy and the *Corrective Action Plan* shall take place in accordance with 15A NCAC 13B .1637 and pursuant to the schedule (Section 6.0) within the County's *Corrective Action Plan*. In addition, please continue to conduct Appendix II water quality monitoring pursuant to 15A NCAC 13B .1634(b), 15A NCAC 13B .1634(d)(2), and 15A NCAC 13B .1637(a)(1).

If you have any questions or concerns regarding this letter, please contact me at 919-508-8500 or by email at [jacklynne.drummond@ncdenr.gov](mailto:jacklynne.drummond@ncdenr.gov). Thank you for your continued cooperation with matter.

Sincerely,



Jaclynne Drummond  
Compliance Hydrogeologist  
Solid Waste Section

cc via email: Mark Poindexter, Field Operations Supervisor  
Jason Watkins, Western District Supervisor  
Troy Harrison, Environmental Senior Specialist  
Allen Gaither, Permitting Engineer